

# Mining, the Secondary Sector & Industrial Revolution

1. Name 6 types of renewable energy
2. What four factors affect mining?
3. Which countries are the top 4 producers of minerals?
4. What are some of the problems associated with mining according to the textbook?
5. Which mineral is essential for car batteries?
6. What do you know about the mining of this mineral? Longevity? Locations?
7. What is cobalt used in the production of?
8. Where is cobalt mined?
9. By how much will cobalt mining increase by 2050?
10. By how much will lithium mining increase by 2050?
11. Why is cobalt called a 'Conflict mineral'?
12. What are the 3TG minerals?
13. What was the first source of energy for humanity?
14. In what ways have fossil fuels been positive for humanity?
15. Which is the most used form of energy?
16. What element used in batteries has caused conflict in some countries?
17. What mined element will have to increase by 900% to build the batteries we will need for electric cars?
18. Is nuclear energy considered a renewable energy?
19. What is the fourth most common non-renewable energy source, according to the textbook?
20. How is nuclear energy produced? Describe the process
21. What are some of the pros and cons of nuclear energy?
22. When did Russia open the first nuclear power plant?
23. Does nuclear energy use fusion or fission?

24. Explain the difference between fusion and fission?
25. How many nuclear reactors are there according to the textbook?
26. What are some of the pros and cons of solar energy?
27. What do you know about wind energy and the manufacture of the windmills?
28. When was the first hydroelectric power station installed?
29. Can renewable energies be detrimental to the environment? Give examples where necessary
30. What are some of the challenges facing renewable energy in the future?
31. Give some examples of biomass energy
32. Could we become 100% dependent on biomass energy in the future?
33. Which form of energy do think will be the energy of the future?
34. What can solar energy or wind energy NOT power?
35. Name the 6 top nations in terms of energy production
36. What are the three basic classifications of industries?
37. What products does Spain produce in its secondary sector?
38. When and where did the Industrial Revolution begin?
39. How did the Industrial Revolution transform society?
40. What are some of the pros and cons of the Industrial Revolution?
41. Who was James Watt?
42. Explain the four types of Industrial Revolution
43. Why is Henry Ford relevant in the history of industrial development?
44. What does it mean when industry 'offshores'?
45. What are the pros and cons of offshoring?
46. Why have some industries been returning to the west from Asia?
47. Which are the traditional industrial regions?
48. Which are the emerging regions of the 20th century?
49. What are some of the factors that made China the 'biggest factory in the world'?